## Commuting patterns in the New Orleans Metro and Southeast Louisiana

**Question your work tried to answer**: How are we connected across the New Orleans metro and Southeast Louisiana?

| Local Employment Dynamics data sources used | \_\_ OnTheMap  
|                                            | \_\_ QWI  
|                                            | \_\_ Industry Focus  
|                                            | \_\_ Raw data files from CD or VRDC  
|                                            | \_\_ Other: ________________________________ |

**Other data sources used**

| Software/ data processing tools used | Geographic Information Systems  
|                                     | SPSS  
|                                     | Microsoft - Excel, Access |

**Brief description of methodology (if someone wanted to do a similar analysis, how should they approach it?)**

- Determine the counties and metros that comprise the larger economic region of interest.
- Determine the year of study and a year to compare against as well as comparison geographies.
- Use OnTheMap to determine the inflow-outflow patterns for the various counties and metros.
- Using GIS, map the labor sheds of the parishes with more jobs than worker-residents (census-tract level).
- Create an easy to use grid showing the number of workers by where they work and live (county-level).
- Using the inflow-outflow report, determine the characteristics of commuters.

**Benefits of methodology/ data**

This methodology can primarily be accomplished using the OnTheMap system for any region. The simplistic approach makes the message easier to communicate to stakeholders and for stakeholders to understand. In addition, the goal of the analysis is to determine our connectedness as it relates to economic cohesion, so a complex approach is not as necessary.

**Drawbacks/problems with methodology/data**

Payroll data does not necessarily correlate with employment location. Detailed industry characteristics of the workers who commute between metros is not available, but was of interest from stakeholders.

**Who and how to contact for more information:**

Ben Horwitz – benjaminh@gnocdc.org